

# How to change rear brake discs on Audi A3 8PA – replacement guide

 VIDEO TUTORIAL

## Important!

This replacement procedure can be used for:
AUDI A3 (8P1) 1.2 TSI, AUDI A3 Sportback (8PA) 1.2 TSI

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The steps may slightly vary depending on the car design.

# REPLACEMENT: BRAKE DISCS – AUDI A3 8PA. TOOLS YOU'LL NEED:




- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #15
- XZN socket bit # 14
- Torx bit T30
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Tap wrench
- Crow bar
- Wheel chock

## Replacement: brake discs – Audi A3 8PA. Tip from AUTODOC experts:

- Replace the brake disks on the car Audi A3 8PA in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Audi A3 8PA – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the rear of the car and secure on supports.

5

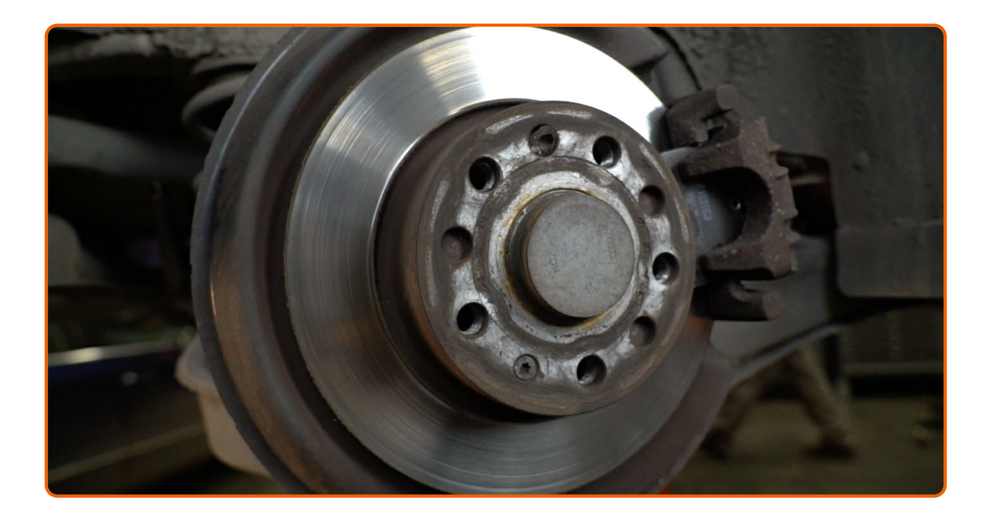


Unscrew the wheel bolts.

## Replacement: brake discs – Audi A3 8PA. AUTODOC recommends:

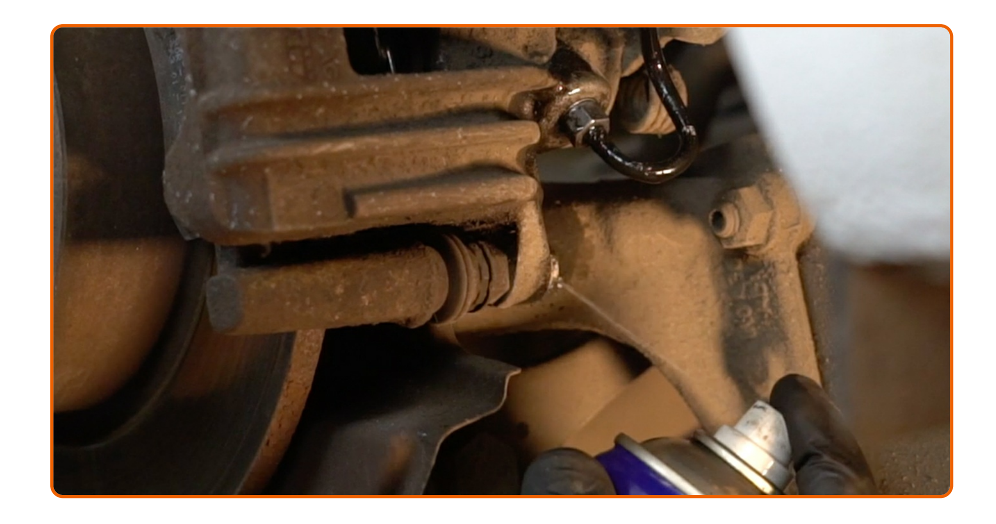
- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7



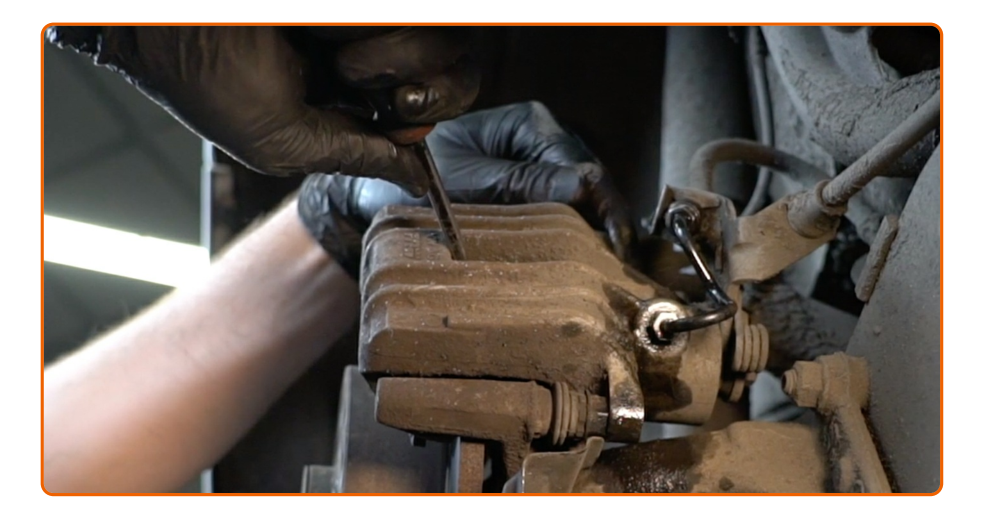
Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8



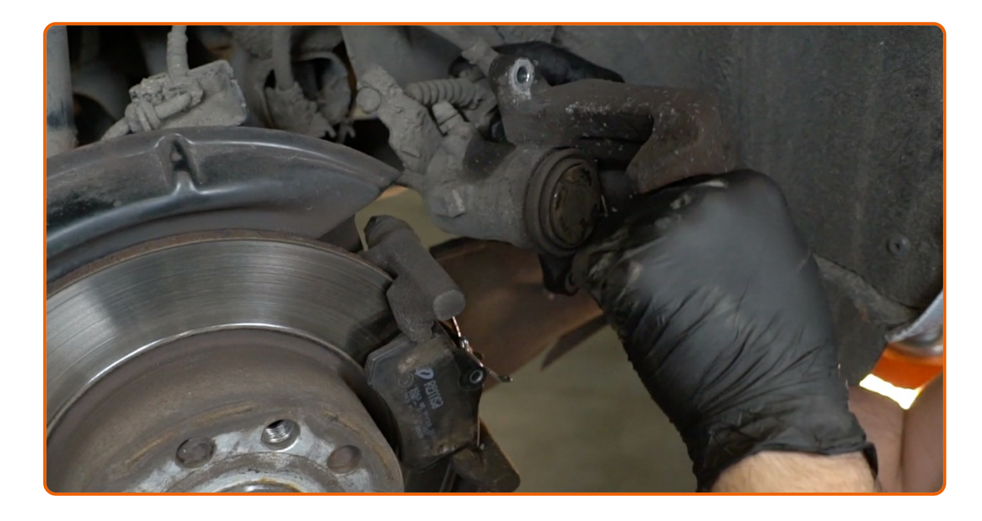
Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.

9



Spread the brake pads. Use a crowbar.

10



Remove the brake caliper. Use a crowbar.

## Replacement: brake discs – Audi A3 8PA. Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.



11



Remove the brake pads.

12



Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

13



Unscrew the caliper bracket fastening. Use XZN #14. Use a tap wrench. Use a ratchet wrench.

14



Remove the caliper bracket.

15



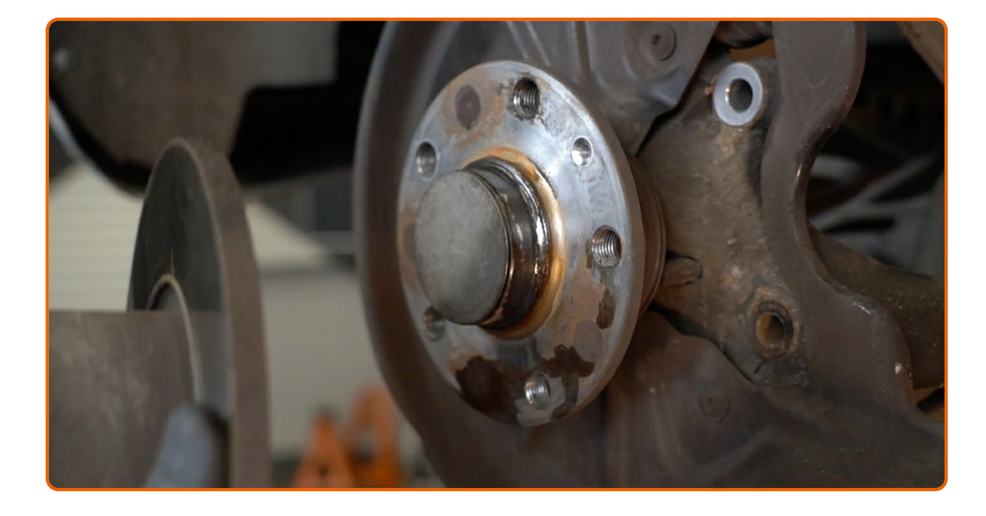
Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

16



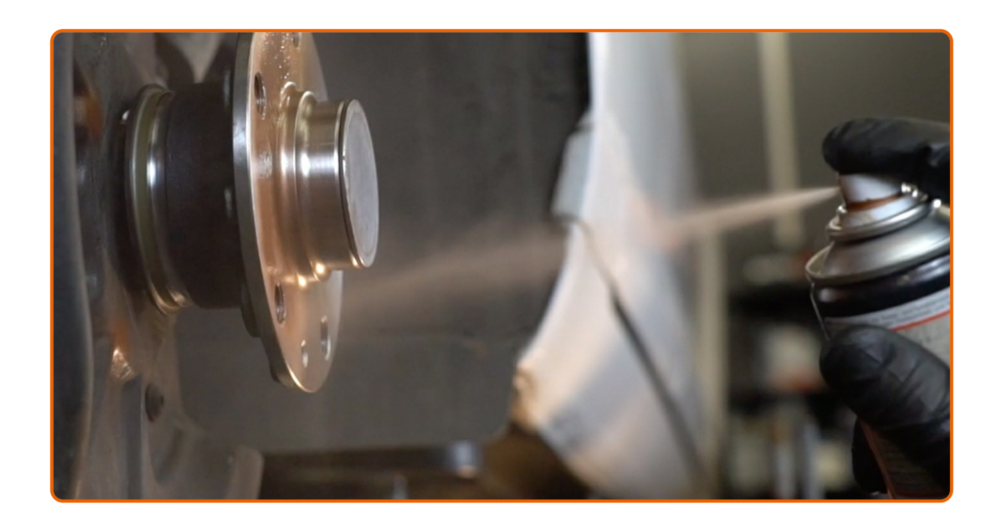
Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.

17



Remove the brake disc.

18



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

19



Install the brake disc.

20




Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.

21



Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

## Replacement: brake discs – Audi A3 8PA. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

22



Install the brake caliper bracket.

23



Tighten the brake caliper bracket. Use XZN #14. Use a torque wrench. Tighten it to 70 Nm torque.

24



Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

## AUTODOC recommends:

- Replacement: brake discs – Audi A3 8PA. After applying the spray, wait a few minutes.

25



Press in the brake caliper piston. Use brake caliper wind back tool.

26



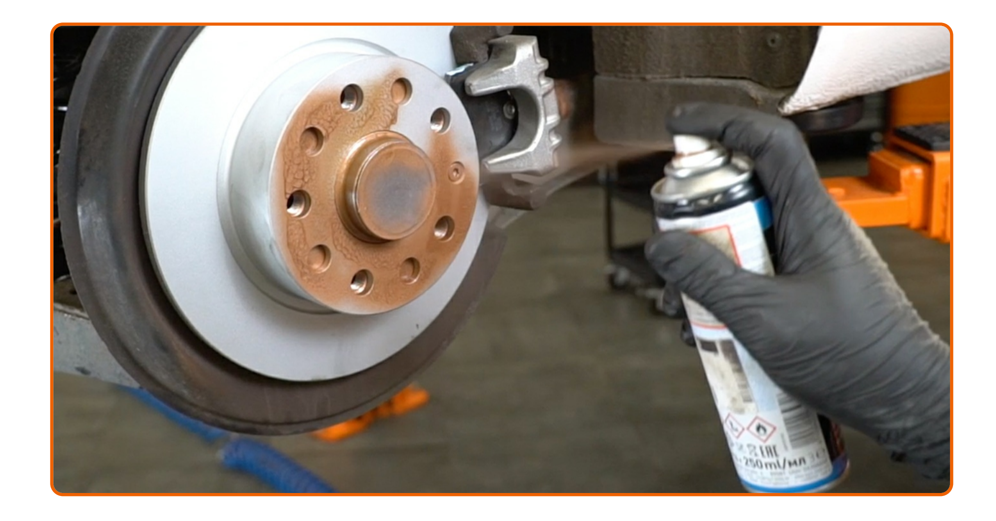
Install the brake pads.

27



Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

28



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

29

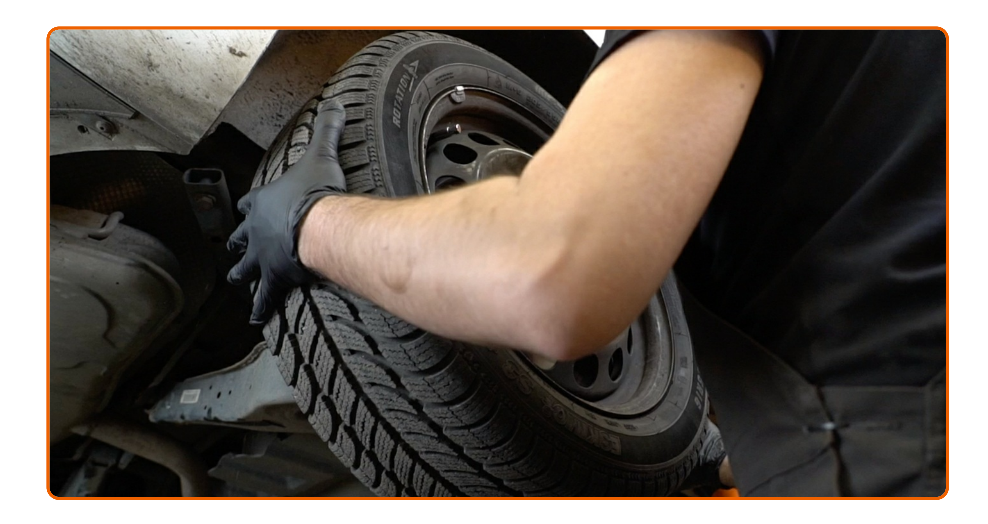


Clean the brake disk surface. Use a brake cleaner.

## Replacement: brake discs – Audi A3 8PA. Tip:

- After applying the spray, wait a few minutes.

30



Install the wheel.



## AUTODOC recommends:

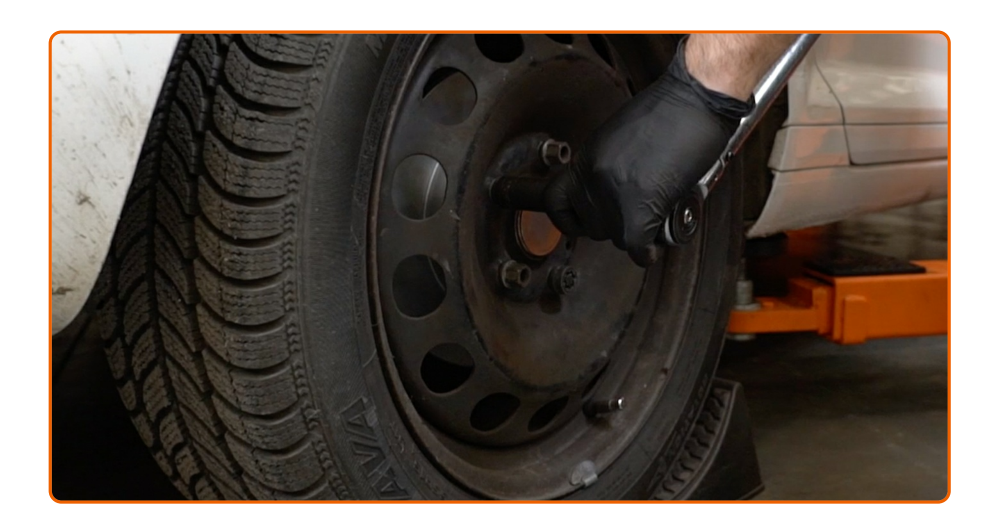
- Important! Hold the wheel while screwing in the fastening bolts. Audi A3 8PA

31



Screw in the wheel bolts. Use wheel impact socket #17.

32



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

33




Remove the jacks and chocks.

## Replacement: brake discs – Audi A3 8PA. AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

34



Tighten the brake fluid reservoir cap.



## AUTODOC recommends:

- Audi A3 8PA – Without starting the engine, press the brake pedal several times until it feels firm.

35




Close the hood.



# DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



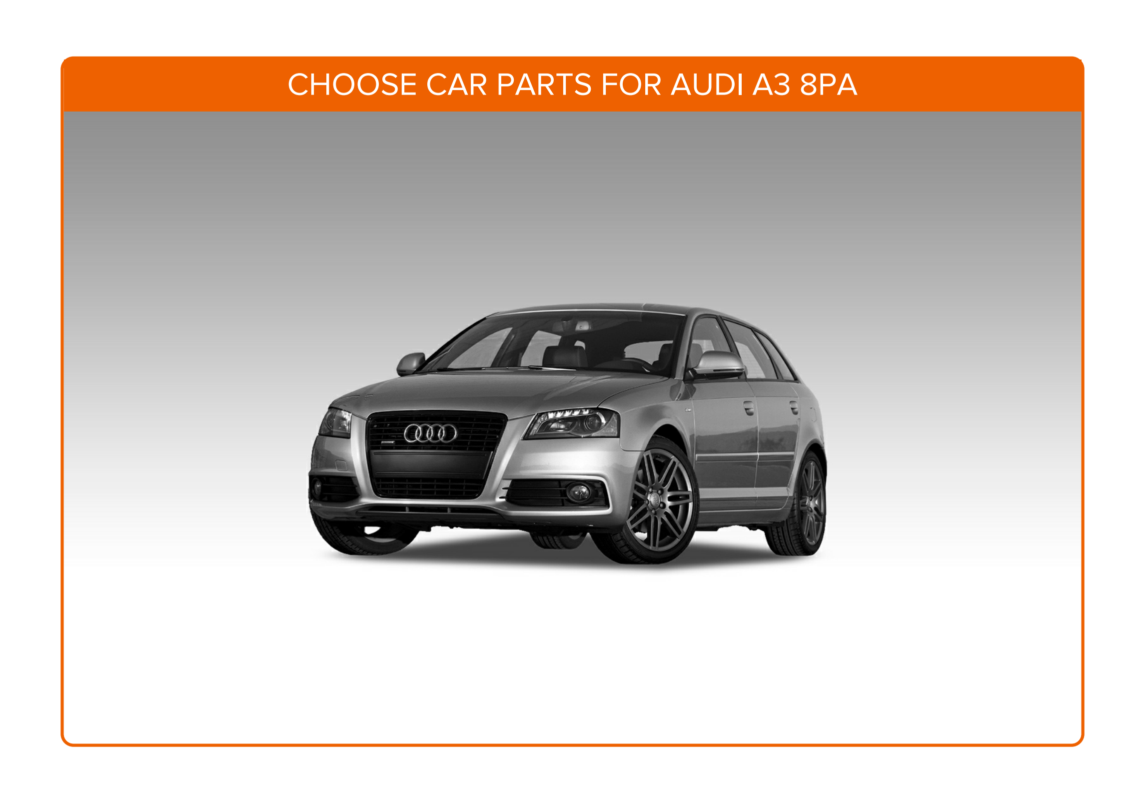
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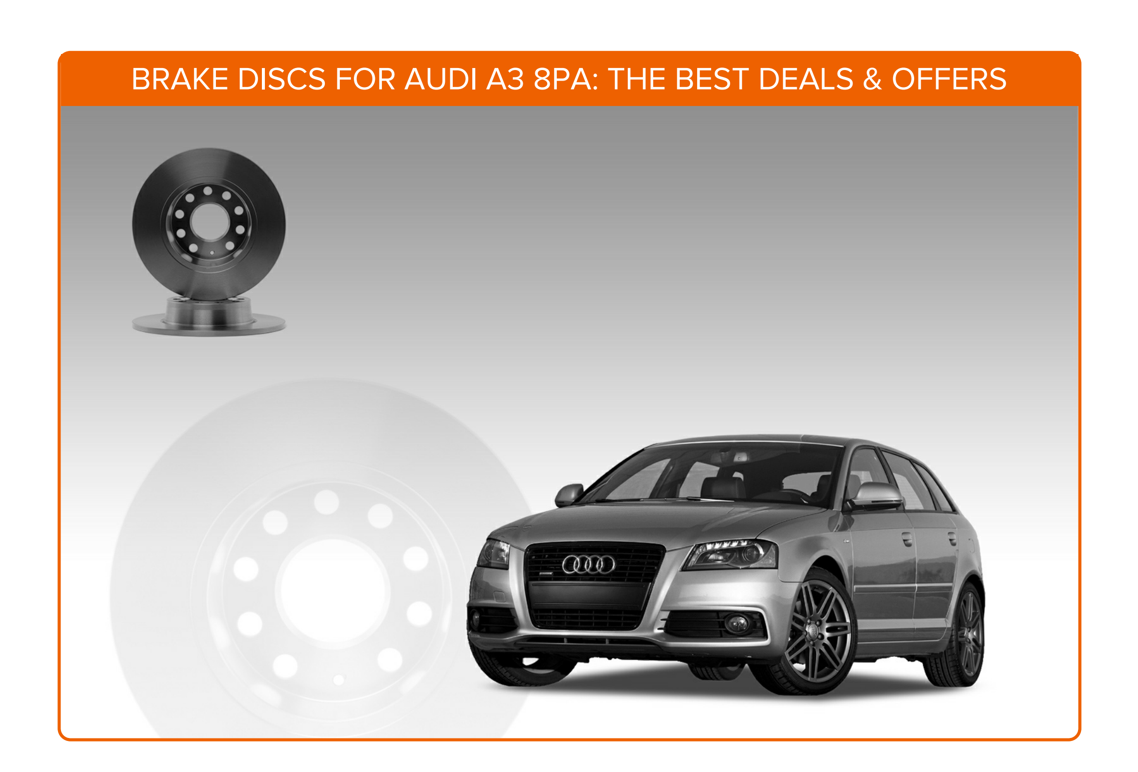

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